

Title (en)  
PROCESSING MACHINE AND METHOD FOR PROCESSING WORK PIECES

Title (de)  
BEARBEITUNGSMASCHINE UND VERFAHREN ZUR BEARBEITUNG VON WERKSTÜCKEN

Title (fr)  
MACHINE-OUTIL ET PROCÉDÉ D'USINAGE DE PIÈCES

Publication  
**EP 3359358 B1 20190925 (DE)**

Application  
**EP 16751519 A 20160727**

Priority  
• DE 102015219257 A 20151006  
• EP 2016067894 W 20160727

Abstract (en)  
[origin: WO2017059980A1] The invention relates to a processing machine (10) or method for processing substantially plate-shaped work pieces (W), preferably made at least partially from wood, wood materials, composite materials or plastics, wherein the processing machine (10) has a processing device (6) for processing a work piece (W) in a processing direction (R), an optical detection device (2), an evaluation unit and a control device (4), wherein: the optical detection device (2) is designed and configured in such a way that it can optically detect front and rear (in relation to the processing direction (6)) end sections (Q1, Q2) of a work piece (W) to be processed, and it provides the evaluation unit with corresponding detection results; the evaluation unit is designed in such a way that it assesses, based on the detection results, whether a coating (B) is present on the front and/or rear end section (Q1, Q2) of the work piece (W) to be processed, and provides the control device (4) with corresponding assessment results; and the control device is designed in such a way that it controls the further processing of the work piece (W) to be processed via the processing device (6) on the basis of the assessment results.

IPC 8 full level  
**B27D 5/00** (2006.01); **B29C 63/00** (2006.01); **G05B 19/19** (2006.01)

CPC (source: EP US)  
**B23C 3/12** (2013.01 - US); **B27D 5/006** (2013.01 - EP US); **G05B 19/19** (2013.01 - EP US); **B05B 12/084** (2013.01 - EP); **B29C 63/0026** (2013.01 - EP US); **G05B 2219/36221** (2013.01 - EP US); **G05B 2219/45229** (2013.01 - EP US); **Y02P 90/02** (2015.11 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102015219257 A1 20170406**; CN 108136609 A 20180608; CN 108136609 B 20200804; EP 3359358 A1 20180815; EP 3359358 B1 20190925; ES 2753146 T3 20200407; US 10775763 B2 20200915; US 2018259931 A1 20180913; WO 2017059980 A1 20170413

DOCDB simple family (application)  
**DE 102015219257 A 20151006**; CN 201680058577 A 20160727; EP 16751519 A 20160727; EP 2016067894 W 20160727; ES 16751519 T 20160727; US 201615763824 A 20160727